

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph 22 of the specification with the following amended paragraph:

The sorting system may be configured eg for sorting ~~timer~~ timber into heavy-metal-containing timber or non-metal-containing timber, respectively. Alternatively the sorting system may be configured for sorting plastics into PVC-containing plastics or PVC-free plastics.

Please replace paragraph 27 of the specification with the following amended paragraph:

According to a preferred embodiment said detection is accomplished contact-free in relation to the object. Hereby a reduction in operating costs is achieved due [[ia]] to the minimal wear that occurs in connection with a touch-free embodiment and economies in respect of manual labour.